



Plug

Receptacle

Specifications

General Values

Connector	: M12 Plug and Receptacle
Termination	: Solder
Panel Thickness	: 4mm
Temp. Range	: -25°C to +85°C IEC 60664-1
IP Rating	: IP67 IEC 60529
Mounting Torque	: 60 Ncm

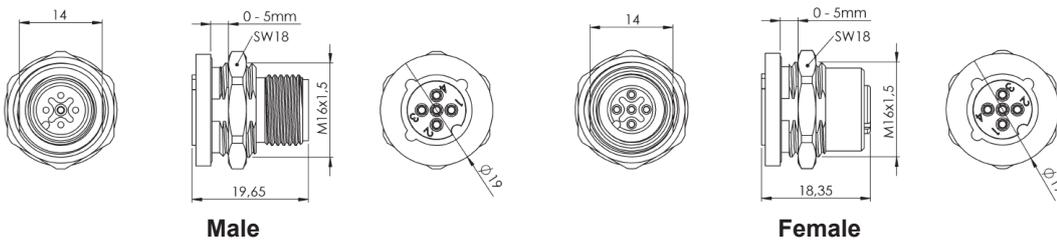
Electrical Values

Rated Voltage	: 250V (3 - 4 contacts)
IEC 61076-2-101	: 60V (5 contacts) 30V (8 contacts)
Rated Current	: 4A (3 - 4 contacts)
IEC 61076-2-101	: 4A (5 contacts) 2A (8 contacts)
Volume Resistance	: ≤8mΩ
Mating Cycles	: >100 IEC 60512-9A
Pollution Degree	: 3 IEC 60664-1

Material

Contact Material	: CuZn, Brass alloy
Contact Plating	: Au-plated, Au over Ni
Contact Body Material	: PA, Polyamide
Housing Material	: CuZn, Brass alloy
Plating Housing	: Ni-plated, Ni over Cu
O-ring	: FKM

Diagram



Assemble



Dimensions : Millimetres

Part Number Table

Description	Part Number
M12 Connector, Plug, A-Code, 3 Pins	MPM12-SSP-3AFP
M12 Connector, Plug, A-Code, 4 Pins	MPM12-SSP-4AFP
M12 Connector, Plug, A-Code, 5 Pins	MPM12-SSP-5AFP
M12 Connector, Plug, A-Code, 8 Pins	MPM12-SSP-8AFP
M12 Connector, Receptacle, A-Code, 3 Sockets	MPM12-SSS-3AFP
M12 Connector, Receptacle, A-Code, 4 Sockets	MPM12-SSS-4AFP
M12 Connector, Receptacle, A-Code, 5 Sockets	MPM12-SSS-5AFP
M12 Connector, Receptacle, A-Code, 8 Sockets	MPM12-SSS-8AFP

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